Land Classification Interpretations

Prime and Important Farmland

Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops, and is also available for these uses (the land could be cropland, pastureland, forest land, or other land, but not urban built-up land or water). It has the soil quality, growing season, and moisture supply needed to economically produce sustained high yields of crops when treated and managed, including water management, according to acceptable farming methods.

In general, prime farmlands have an adequate and dependable water supply from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, acceptable salt content, and few or no rocks. They are permeable to water and air. Prime farmlands are not excessively erodible or saturated with water for a long period of time, and they either do not flood frequently or are protected from flooding.

This section includes lists of soil survey map units that meet the soil requirements for prime farmland in the county and state. Soils that have limitations, such as a high water table or flooding, may qualify as prime farmland if these limitations are overcome by such measures as drainage or flood control. State important soils are also noted.

This subsection includes:

- **(a) County Prime Farmland List**
- **(b) Missouri's Soil Survey Mapping Units Denoting Prime Farmland and Farmland of Statewide Importance**

Texas County, Missouri
Prime Farmland

(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name.)

Map symbol	Soil name
70022	Tonti silt loam, 3 to 8 percent slopes
70025	Branson-Splitlimb complex, 1 to 3 percent slopes
70026	Tonti silt loam, 1 to 3 percent slopes
73051	Winnipeg silt loam, 2 to 5 percent slopes
73054	Viburnum silt loam, 1 to 3 percent slopes
73057	Jerktail silt loam, 1 to 3 percent slopes
73071	Hogcreek silt loam, 1 to 3 percent slopes
73072	Hogcreek silt loam, 3 to 8 percent slopes
73087	Celt silt loam, 1 to 3 percent slopes
73197	Viburnum silt loam, 3 to 8 percent slopes
73198	Gressy-Viraton complex, 3 to 8 percent slopes
73222	Splitlimb silt loam, 0 to 3 percent slopes, frequently ponded
74626	Tanglenook silt loam, 0 to 3 percent slopes, rarely flooded (Prime farmland if drained)
74627	Hartville silt loam, 1 to 3 percent slopes, rarely flooded
74677	Deible silt loam, 0 to 3 percent slopes, rarely flooded (Prime farmland if drained)
74679	Higdon silt loam, 0 to 3 percent slopes, rarely flooded
75381	Bearthicket silt loam, 0 to 3 percent slopes, rarely flooded
75389	Dunning-Hercules complex, 0 to 3 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
75390	Razort silt loam, 0 to 3 percent slopes, rarely flooded
75391	Possumtrot fine sandy loam, 0 to 3 percent slopes, occasionally flooded
75406	Racket loam, 0 to 3 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
75419	Perche loam, 0 to 3 percent slopes, occasionally flooded
75420	Secesh-Tilk complex, 0 to 3 percent slopes, occasionally flooded